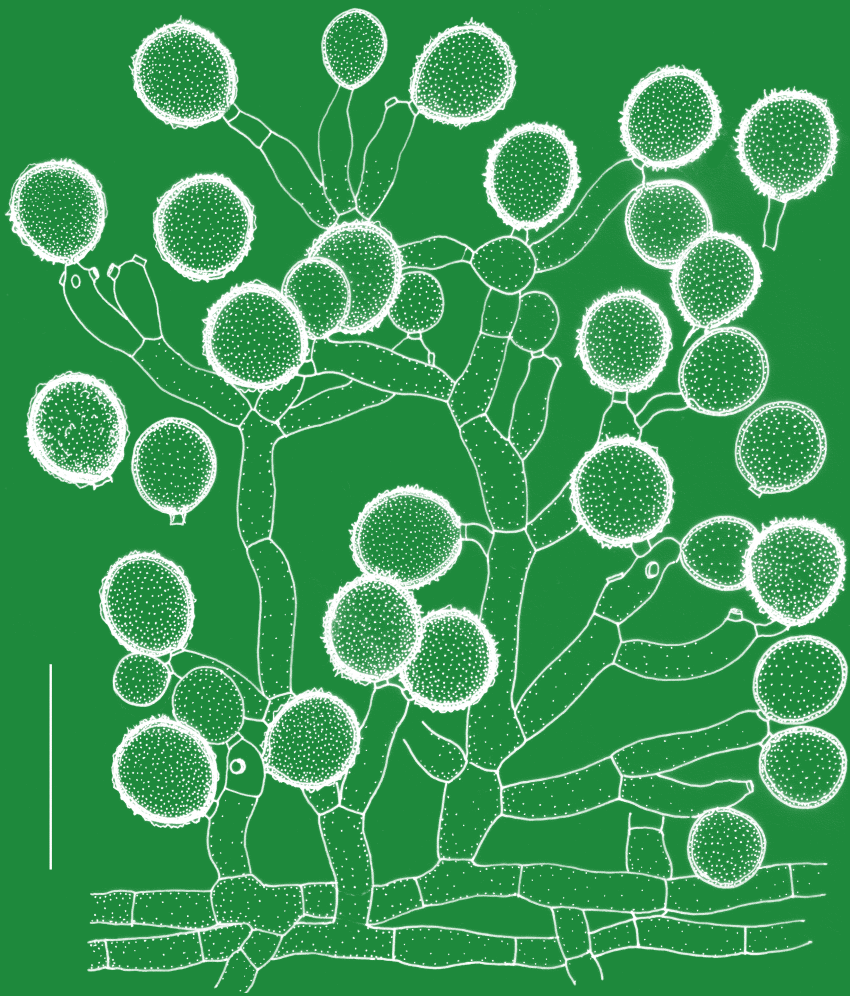
MYCOTAXON

THE INTERNATIONAL JOURNAL OF FUNGAL TAXONOMY & NOMENCLATURE

VOLUME 130(3) JULY–SEPTEMBER 2015



Hansfordia rosea **sp. nov.**
(Wu, Wang, Xu, & Zhang— FIG. 1, p. 810)
YUE-MING WU, *artist*

ISSN (PRINT) 0093-4666 http://dx.doi.org/10.5248/130-3 ISSN (ONLINE) 2154-8889
MYXNAE 130(3): 601–928 (2015)

Editorial Advisory Board

Sabine Huhndorf (2011–2016) , Chair
Chicago, Illinois, U.S.A.
Scott A. Redhead (2010–2015), Past Chair
Ottawa, Ontario, Canada
Peter Buchanan (2011–2017)
Auckland, New Zealand

Brandon Matheny (2013-2018)
Knoxville, Tennessee, U.S.A.

Karen Hansen (2014-2019)
Stockholm, Sweden

Published by
Mycotaxon, Ltd.
p.o. box 264, Ithaca, NY 14581-0264, USA
www.mycotaxon.com & www.ingentaconnect.com/content/mtax/mt
© Mycotaxon, Ltd, 2015

MYCOTAXON

THE INTERNATIONAL JOURNAL OF FUNGAL TAXONOMY & NOMENCLATURE

VOLUME 130(3)

JULY–SEPTEMBER 2015

EDITOR-IN-CHIEF

LORELEI L. NORVELL

editor@mycotaxon.com
Pacific Northwest Mycology Service
6720 NW Skyline Boulevard
Portland, Oregon 97229-1309 USA

NOMENCLATURE EDITOR

SHAUN R. PENNYCOOK

PennycookS@LandcareResearch.co.nz
Manaaki Whenua Landcare Research
Auckland, New Zealand

CONSISTING OF I–X + 328 PAGES INCLUDING FIGURES

ISSN 0093-4666 (PRINT) http://dx.doi.org/10.5248/130-3.cvr ISSN 2154-8889 (ONLINE)

© 2015. MYCOTAXON, LTD.

MYCOTAXON

VOLUME ONE HUNDRED THIRTY (THREE) — TABLE OF CONTENTS

Cover section

Reviewers vii

Submission procedures viii

From the Editor ix

Research articles

Conidial fungi from the semiarid Caatinga biome of Brazil: a new species of *Selenosporella* from submerged leaves — Patrícia Oliveira Fiuza, Luis Fernando Pascholati Gusmão, & Rafael F. Castañeda-Ruiz 601

New records of smut fungi. 8. *Testicularia africana* from Tanzania and Mozambique — Cvetomir M. Denchev & Teodor T. Denchev 607

Pachyphloeus depressus, a new green truffle from China — Li Fan & Song-Pin Cai 613

A new species of *Selenodriella* from Brazil — Marina A.G. Araújo, Marcela A. Barbosa, Mayra S. Oliveira, Elaine Malosso, & Rafael F. Castañeda-Ruiz 621

Antrodiella indica, a new species from India — Gurpreet Kaur, Avneet P. Singh, & G.S. Dhingra 625

Russula sichuanensis and its ectomycorrhizae from Himalayan moist temperate forests of Pakistan — M. Saba & A.N. Khalid 629

Mycenastrum corium and gastrointestinal mycetism in México — Evangelina Pérez-Silva, Teófilo Herrera, & Abraham J. Medina-Ortiz 641

New reports of rust fungi from Malakand, Khyber Pakhtunkhwa, Pakistan — S. Hussain, A. Habib, N.S. Afshan, & A.N. Khalid 647

Artomyces nothofagi sp. nov. – a new clavarioid fungus from a Chilean *Nothofagus* forest — Richard Kneal & Matthew E. Smith 653

Inonotus griseus sp. nov. from eastern China — Li-Wei Zhou & Xiao-Yan Wang 661

New reports of *Inocybe* from pine forests in Pakistan — M. Saba, I. Ahmad, & A.N. Khalid 671

Elmerina fragilis sp. nov. from Central China — Fang Wu , Yuan Yuan, & Hai-Jiao Li 683

A new species and new records of the lichen genus *Pertusaria* from China — Qiang Ren 689

First record of *Erysiphe howeana* from China
Lu-Chao Bai, Zhi-Min Cao, & Peng Wang 695

Buellia, Lempholemma, and *Thelidium* species new for Turkey and Asia Kenan Yazici & Andre Aptroot 701

Four new records of *Lecanoraceae* in China
Xin Zhao, Lu-Lu Zhang, Li-Yan Sun, Ling Hu, & Zun-Tian Zhao 707

New records of smut fungi. 9. A second locality of *Anthracoidea andina*
Cvetomir M. Denchev, Harrie J.M. Sipman, & Teodor T. Denchev 717

A new species and new record of *Anthostomella* on *Alnus* leaf-litter from Argentina Esteban B. Sir, Andrea I. Romero, & Adriana I. Hladki 721

Phoma canadensis Allesch.: a synonym of *Pyrenochaeta cava*
Lidiane Leal Duarte & Robert Weingart Barreto 731

Four new records of *Rhizocarpon* from China
Wei-Cheng Wang, Zun-Tian Zhao, & Lu-Lu Zhang 739

New record of *Aplosporella javeedii* on five hosts in China based on multi-gene analysis and morphology
Xin-Lei Fan, Qin Yang, Bin Cao, Ying-Mei Liang, & Cheng-Ming Tian 749

Phaeostilbelloides and *Velloziomyces* — new dematiaceous genera from the Brazilian Cerrado Eliane Amaral de Souza Armando, Zuleide Martins Chaves, & José Carmine Dianese 757

New records of crustose *Teloschistaceae* and lichenicolous fungi from Turkey Mehmet Gökhan Halici 769

New species of *Phaeomonilia* and *Mirandina* from dead branches in China
Ying-Rui Ma, Ji-Wen Xia, Xiu-Guo Zhang, & Rafael F. Castañeda-Ruiz 775

Species associated with cytospora canker on *Populus tremuloides*
Jeff B. Kepley, F. Brent Reeves, William R. Jacobi, & Gerard C. Adams 783

Two new species and a new record of *Hansfordia* from China
Yue-Ming Wu, Hong-Feng Wang, Jun-Jie Xu, & Tian-Yu Zhang 807

Marthamyces chinensis sp. nov. on *Fissistigma* from China
Hai-Lin Gu, Ying-Ren Lin, Fan Peng, Qing Li, & Shi-Juan Wang 815

Blastophragma chongqingense sp. nov. and a new record of *Bahusutrabeeja angularis* from southern China
Jian-Mei Gao, Ji-Wen Xia, Ying-Rui Ma, Zhuang Li, & Xiu-Guo Zhang 821

Sporidesmiopsis malloti sp. nov. and new records from southern China
Ji-Wen Xia, Ying-Rui Ma, Jian-Mei Gao, Zhuang Li, & Xiu-Guo Zhang 827

Codinaea jianfenglingensis sp. nov. and new records from southern China
Ji-Wen Xia, Ying-Rui Ma, Jian-Mei Gao, Zhuang Li, & Xiu-Guo Zhang 835

Fuscoporia atlantica, a new polypore from the Brazilian Atlantic Rainforest
Ricardo Matheus Pires, Viviana Motato-Vásquez, & Adriana de Mello Gugliotta 843

Volvariella rava sp. nov. from southern China
Jiang Xu, Tai-Hui Li, Ya-Heng Shen, & Ming Zhang 857

First report of *Leptographium pini-densiflorae* causing sapstain on *Pinus densiflora* in Korea Joo-Hyun Hong, Yeongseon Jang, Seokyoon Jang, Mihee Min, & Jae-Jin Kim 867

Xylomyces acerosisporus sp. nov. from submerged leaves from Brazil
Mayra S. Oliveira, Elaine Malosso, Marcela A. Barbosa, Marina A. G. Araújo, & Rafael F. Castañeda-Ruiz 875

Tubulicrinis indicus, a new corticioid species from India
Jyoti Sharma, Avneet P. Singh, & G.S. Dhingra 879

Four *Rhizocarpon* species new to China
Wei-Cheng Wang, Zun-Tian Zhao, & Lu-Lu Zhang 883

Terriera transversa sp. nov. from Hainan, China Qing Li, Shi-Juan Wang, Yu-Xia Chen, Yan-Ping Tang, & Ying-Ren Lin 893

New records of *Clauzadea* and *Immersaria* from China
Lu-Lu Zhang, Ling Hu, Xiang-Xiang Zhao, & Zun-Tian Zhao 899

Phlebiopsis punjabensis sp. nov. from India
Gurpreet Kaur, Avneet P. Singh, & G.S. Dhingra 907

Ocellularia lumbschii and *O. saxicola* spp. nov. from Vietnam
Santosh Joshi, Dalip Kumar Upreti, Thi Thuy Nguyen, Eimy Rivas Plata, Anh Dzung Nguyen, Soon-Ok Oh, & Jae-Seoun Hur 911

Book reviews and notices Else C. Vellinga (guest editor) 921

Regional mycobiotas new to the Mycotaxon website 925

Records of coprophilous fungi – a data set
Michael J. Richardson

A checklist of Jelly Fungi (*Agaricomycotina*: *Basidiomycota*) recorded in Brazil
Renato Lúcio Mendes Alvarenga & Solange Xavier-Santos

The lichen biota of Burdur province (Turkey)
Kenan Yazici, André Aptroot, Ali Aslan, Harrie Sipman, & Michele D. Piercey- Normore

Nomenclatural novelties and typifications proposed in Mycotaxon 130(3) 927

publication date for volume one hundred thirty (2)
MYCOTAXON *for* April–June, (i–xii + 307–600)
was issued on July 9, 2015

Reviewers — volume one hundred thirty (3)

The Editors express their appreciation to the following individuals who have, prior to acceptance for publication, reviewed one or more of the papers prepared for this quarter.

Vladimir Antonín
A. Aptroot
Alan W. Archer
Toni Atkinson
Juliano M. Baltazar
Ann Bell
Sarah Bergemann
Uwe Braun
Ana Rosa Burgaz
Rafael F. Castañeda- Ruiz
Bao-Kai Cui
Kanad Das
Francisco Doveri
Martín Esqueda
Javier Etayo
Adam Flakus
Adriana de Mello Gugliotta
Shouyu Guo
Nils Hallenberg
Gabriela Heredia Abarca
Cheng-Lin Hou
Ze-Feng Jia
Yu-Ming Ju
Alfredo Justo
Bryce Kendrick
Paul M. Kirk
Kerry Knudsen
Shambhu Kumar
De-Wei Li
Chen Liang
Edgar Lickey
Ying-Ren Lin
Brian P. Looney
Quan Lu
Robert Lücking
Hayato Masuya
P. Brandon Matheny
Eric H.C. McKenzie
David W. Minter
Gabriel Moreno
Abdul Rehman Niazi
Lorelei L. Norvell
Shaun R. Pennycook
Omar Paino Perdomo
Ronald H. Petersen
Liliane Petrini
Victor J. Rico
Gunasekaran Senthilarasu
B.M. Sharma
Sigfrido Sierra
H.J.M. Sipman
Roger G. Shivas
Dartanha J. Soares
Einar Timdal
Ned Tisserat
Michal Tomšovský
Janice Uchida
Dalip Kumar Upreti
Kálmán Vánky
Josef Vlasák
Yong Wang
Roy Watling
James J. Worrall
J.H.C. Woudenberg
Ming Ye
Meng Zhang
Li-Wei Zhou
Xudong Zhou
Mikhail Zhurbenko

Four steps to successful Mycotaxon publication in 2015

Prospective Mycotaxon authors should download instructions PDF, review and submission forms, and other helpful templates by clicking the 'file download page' link on our Instructions to Authors page before preparing their manuscript. Below is a summary of our '4-step' publication process.

1—Peer review: Email formatted text and illustration files with a 2014 Mycotaxon Reviewer Comments Form to 2–3 experts for peer review. Authors should (i) ask peer reviewers to return revisions and comment forms to both authors and *Editor-in-Chief* <editor@mycotaxon.com> and (ii) follow reviewer suggestions **before** sending revised files to the *Nomenclature Editor* for nomenclatural review.

2—Nomenclatural review: Email all text-based files (with phylotrees & other text-based art) to the *Nomenclature Editor* <PennycookS@LandcareResearch.co.nz> for accession and pre-submission review. Place 'Mycotaxon' + first author surname on the subject line; list all peer reviewer names+Email addresses in the message. The Nomenclature Editor will assign accession numbers and return annotated files with a list of needed corrections to the authors and *Editor-in-Chief*.

3—Final submission: Consult experts, revise and thoroughly proof manuscripts, and prepare error-free text and image files ready for immediate publication. Label the Email with the accession number before attaching the (i) 2015 Mycotaxon submission form; (ii) text files for main text, tables, and legends; and (iii) final art files to the *Editor-in-Chief* <editor@mycotaxon.com>. The *Editor-in-Chief* usually Emails all coauthors and expert reviewers within two weeks of final submission, but please wait at least 14 days before sending a follow-up query (without attachments).

4—Final editorial review & press preparation: Files not ready for publication will be rejected or returned to authors for further revision; the *Editor-in-Chief* gives tentatvely approved manuscripts a final grammatical and scientific review before converting all files into publishable format. The PDF proof, bibliographic citation, and nomenclatural entries are sent to all coauthors for final inspection prior to publication. Thereafter, the *Editor-in-Chief* corrects only processing or editorial errors prior to publication but will list corrections of author errors in the Errata of a subsequent volume for no charge. Authors are expected to arrange payment of page charges and optional open access fees with the *Business Manager* <subscriptions@mycotaxon.com> at this time.

Mycotaxon ltd— www.mycotaxon.com

The Mycotaxon *Webmaster* <mycotaxon@gmail.com> posts general and subscription information, important announcements, and author forms and templates on the official Mycotaxon site. The server also hosts the regional mycobiota webpage for free download of distributional annotated species lists.

Mycotaxon online— www.ingentaconnect.com/content/mtax/mt

Mycotaxon publishes four quarterly issues per year. Both open access and subscription articles are offered.

From the Editor-in-Chief

Metadata new to Mycotaxon — Mike Richardson considerably expands our mycobiota offerings by posting comprehensive specimen 'metadata' on the Mycotaxon website. As data representing a lifetime of coprophilous fungal collections made worldwide do not fit easily in PDF format, the substrates, localities, and species are provided in Excel spreadsheet. We thank Mike for generously sharing his data, now available to all researchers wishing to research the taxonomy or refine the nomenclature of this difficult group of fungi.

The Oxford comma vs '&' — Many authors may wonder why we regularly insert blue-highlighted commas during our final editorial review. That is because Mycotaxon uses the 'serial' comma (also called the Oxford or Harvard comma) "before 'and' or 'or' at the end of a series, regardless whether it is needed for clarification purposes" (Wikipedia).

Last evening, having just converted the next to last pdf for Mycotaxon 130(3), we received a request from one author that we remove the 'unnecessary' comma from the running header 'Denchev, Sipman, & Denchev' so that it correctly reads 'Denchev, Sipman & Denchev.' Noting that Mycotaxon style dictates use of the Oxford comma, we explained that we did not want to change headers for only one paper.

Today's grammatical research revealed, however, that placing a serial comma directly before the ampersand ('&') is controversial. While not all experts agree, the English Usage and Stack Exchange advises, "In styles that use a serial comma, an exception is made before an ampersand, which is a display element, not a word. When an ampersand is used in a list, the serial comma is omitted because it's visually jarring."

We somewhat reluctantly agree that "X, Y, & Z" does seem a bit 'weird' and admit that 'serial comma + &' is never found in nomenclatural authorites. So enjoy the 'extra' commas in 130(3) — they will not stand before ampersands in Mycotaxon 130(4)!

Mycotaxon 130(3) presents 40 papers by 150 authors (representing 16 countries) and revised by 69 expert reviewers.

Within its pages are 2 new genera (*Phaeostilbelloides* and *Velloziomyces* from Brazil) and 28 species new to science representing *Anthostomella* from Argentina; *Antrodiella, Phlebiopsis,* and *Tubulicrinis* from India; *Artomyces* from Chile; *Blastophragma, Codinaea, Elmerina, Hansfordia, Inonotus, Marthamyces, Mirandina, Pachyphloeus, Pertusaria, Phaeomonilia, Sporidesmiopsis, Terriera,* and *Volvariella* from China; *Fuscoporia, Phaeostilbelloides, Selenodriella, Selenosporella, Velloziomyces,* and *Xylomyces* from Brazil; *Ocellularia* from Vietnam; and *Cytospora* from the United States.

In addition to more detailed descriptions, range extensions, and new hosts for previously named taxa, we also cover the toxic effects of *Mycenastrum* in Mexico and offer a newly established synonymy for *Pyrenochaeta cava*.

Warm regards,

Lorelei L. Norvell (*Editor-in-Chief*)
2 October 2015

bad taxonomy

can KILL